



PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Chang et al.

Serial No. 09/815,251

Filed: March 22, 2001

For: Water Dispersible Cationic Polymers,
A Method of Making Same and Items
Using Same

Art Unit: 1774

Examiner: Not Yet Assigned

1774
#4
2-28-02INFORMATION DISCLOSURE STATEMENTRECEIVED
FEB 14 2002
TC 1700Assistant Commissioner for Patents
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Sir:

The citation of information on the attached Form PTO-1449, "List of Art Cited by Applicant" is made pursuant to 37 C.F.R. §§ 1.97 and 1.98. A copy of each cited item is enclosed unless stated otherwise hereinbelow.

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Respectfully submitted

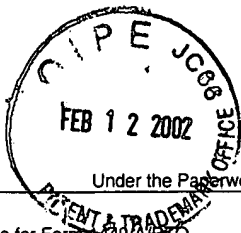
Robert E. Richards

Reg. No. 29,105

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Our Docket: 11302-1040 (44040-251242)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231, on 1-31-2002

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	09/815,251
Substitute for Form PTO				Filing Date	March 22, 2001
				First Named Inventor	Chang et al.
				Group Art Unit	1774
				Examiner Name	
				Attorney Docket Number	11302-1040
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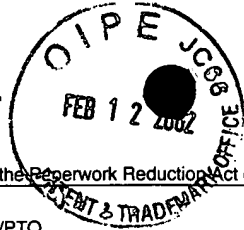
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U.S. PATENT DOCUMENTS

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		Number	Kind Code ² (if known)			
	1	RE 25880		Cline	10/65	
	2	RE 28957		Drelich et al.	9/76	
	3	2,185,789		Jacque	1/40	
	4	2,265,913		Lilienfeld	12/41	
	5	2,306,451		Lilienfeld	12/42	
	6	2,831,852		Savage	4/58	
	7	3,097,991		Miller et al.	7/63	
	8	3,099,067		Merriam et al.	7/63	
	9	3,255,140		Sinn	6/66	
	10	3,255,141		Damm	6/66	
	11	3,340,327		Spellberg	9/67	
	12	3,388,082		Rodgers	6/68	
	13	3,406,688		Cubitt	10/68	
	14	3,435,705		Harmon	12/69	
	15	3,453,261		Scherff	7/69	
	16	3,461,193		Gilardi	8/69	
	17	3,480,016		Costanza et al.	11/69	
	18	3,483,240		Boudreau	12/69	
	19	3,484,394		Holdstock	12/69	
	20	3,582,519		Gomsi	6/71	
	21	3,515,325		Kalwaites	6/70	
	22	3,521,638		Parrish	7/70	
	23	3,546,755		Lynch, Jr.	12/70	
	24	3,554,862		Hervey	1/71	
	25	3,561,447		Alexander	2/71	
	26	3,564,677		Kalwaites	2/71	
	27	3,577,586		Kalwaites et al.	5/71	
	28	3,595,454		Kalwaites	7/71	
	29	3,616,797		Champaigne, Jr. et al.	11/71	
	30	3,639,199		Brandts et al.	2/72	
	31	3,654,064		Laumann	4/72	
	32	3,656,672		Kalwaites	4/72	
	33	3,663,348		Liloi et al.	5/72	
	34	3,665,923		Champaigne, Jr.	5/72	
	35	3,670,069		Mitchell et al.	6/72	

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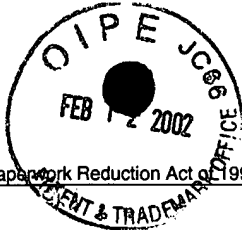
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		Application Number	09/815,251
		Filing Date	3/22/01
		First Named Inventor	Chang et al.
		Group Art Unit	1771
		Examiner Name	
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	36	3,670,731		Harron	6/72	
	37	3,683,919		Ells	8/72	
	38	3,702,610		Sheppard et al.	11/72	
	39	3,709,876		Glomski	1/73	
	40	3,712,847		Rasmussen	1/73	
	41	3,719,540		Hall	3/73	
	42	3,753,826		Plummer	8/73	
	43	3,800,797		Tunc	4/74	
	44	3,804,092		Tunc	4/74	
	45	3,838,695		Comerford et al.	10/74	
	46	3,839,319		Greminger	10/74	
	47	3,859,125		Miller et al.	1/75	
	48	3,865,918		Mitchell et al.	2/75	
	49	3,867,324		Clendinning	2/75	
	50	3,867,549		Costello et al.	2/75	
	51	3,869,310		Fukushima et al.	3/75	
	52	3,881,210		Drach et al.	5/75	
	53	3,881,487		Schrading	5/75	
	54	3,882,869		Hanke	5/75	
	55	3,897,782		Tunc	8/75	
	56	3,911,917		Hanke	10/75	
	57	3,913,579		Srinivasan et al.	10/75	
	58	3,923,592		George et al.	12/75	
	59	3,926,951		Lindenfors et al.	11/75	
	60	3,939,836		Tunc	2/76	
	61	3,950,578		Laumann	4/76	
	62	3,952,745		Duncan	4/76	
	63	3,976,734		Dunning et al.	8/76	
	64	3,978,257		Ring	8/76	
	65	3,991,754		Gertzman	11/76	
	66	4,005,251		Tunc	1/77	
	67	4,009,313		Crawford et al.	2/77	
	68	4,011,871		Taft	3/77	
	69	4,018,647		Wietsma	4/77	
	70	4,032,993		Coquard et al.	7/77	
	71	4,035,540		Gander	7/77	
	72	4,073,777		O'Neill et al.	2/77	
	73	4,082,886		Butterworth et al.	4/78	

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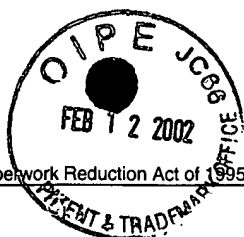
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		Number	Kind Code ² (if known)			
	74	4,084,033		Drelich	4/78	
	75	4,084,591		Takebe et al.	4/78	
	76	4,092,454		Domoto et al.	5/78	
	77	4,099,976		Kraskin et al.	7/78	
	78	4,112,167		Dake et al.	9/78	
	79	4,117,187		Adams et al.	9/78	
	80	4,136,798		Oberstein	1/79	
	81	4,144,122		Eamnuellsson, et al.	3/79	
	82	4,154,883		Elias	5/79	
	83	4,157,724		Persson	6/79	
	84	4,171,713		Ammannati et al.	2/79	
	85	4,186,233		Krajewski et al.	1/80	
	86	4,201,216		Mattei	5/80	
	87	4,226,753		Lewis et al.	10/80	
	88	4,245,744		Daniels et al.	1/81	
	89	4,258,849		Miller	3/81	
	90	4,264,289		Day	8/81	
	91	4,278,113		Persson	7/81	
	92	4,301,203		Keuchel	11/81	
	93	4,306,998		Wenzel et al.	12/81	
	94	4,332,319		Hurwood	6/82	
	95	4,343,134		Davidowich et al.	8/82	
	96	4,343,403		Daniels	8/82	
	97	4,344,804		Bijen et al.	8/82	
	98	4,352,649		Jacobsen et al.	10/82	
	99	4,353,687		Nielsen	10/82	
	100	4,372,447		Miller	2/83	
	101	4,377,544		Rasmussen	3/83	
	102	4,377,645		Guthrie et al.	3/83	
	103	4,385,019		Bernstein et al.	5/83	
	104	4,419,403		Varona	12/83	
	105	4,440,105		Jeltema	4/84	
	106	4,476,323		Hellsten, et al.	10/84	
	107	4,491,645		Thompson	1/85	
	108	4,494,278		Kroyer et al.	1/85	
	109	4,496,618		Okamoto	1/85	
	110	4,511,687		Nakanishi	4/85	

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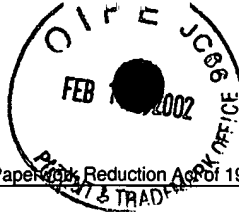
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		Number	Kind Code ² (if known)			
	111	4,512,279		Damrau et al.	4/85	
	112	4,528,360		Fujita et al.	7/85	
	113	4,559,157		Smith et al.	12/85	
	114	4,564,389		Lal	6/86	
	115	4,575,891		Valente	3/86	
	116	4,585,835		Saegusa	4/86	
	117	4,588,400		Ring et al.	5/86	
	118	4,600,404		Sheldon et al.	7/86	
	119	4,617,235		Shinonome et al.	10/86	
	120	4,627,806		Johnson	12/86	
	121	4,627,950		Matsui et al.	12/86	
	122	4,638,017		Larson et al.	1/87	
	123	4,640,810		Laursen et al.	2/87	
	124	4,650,409		Nistri et al.	3/87	
	125	4,677,890		Yannes	7/87	
	126	4,690,821		Smith et al.	9/87	
	127	4,702,947		Pall et al.	10/87	
	128	4,724,980		Farley	2/88	
	129	4,725,489		Jones et al.	2/88	
	130	4,732,797		Johnson et al.	3/88	
	131	4,737,405		Bouchette	4/88	
	132	4,738,992	A	Larson et al.	4/88	
	133	4,740,398		Bouchette	4/88	
	134	4,753,844		Jones et al.	6/88	
	135	4,755,421		Manning et al.	7/88	
	136	4,772,492		Bouchette	9/88	
	137	4,772,501		Johnson, et al.	9/88	
	138	4,781,974		Bouchette et al.	11/88	
	139	4,792,326		Tews	12/88	
	140	4,795,668		Krueger et al.	1/89	
	141	4,814,131		Atlas	3/89	
	142	4,837,078		Harrington	6/89	
	143	4,855,132		Heller et al.	8/89	
	144	4,894,118		Edwards et al.	1/90	
	145	4,930,942		Keyes et al.	6/90	
	146	4,966,808		Kawano	10/90	
	147	4,998,984		McClendon	3/91	
	148	5,009,652	A	Morgan et al.	4/91	

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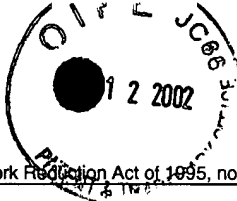
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	149	5,033,172		Harrington	7/91	
	150	5,045,387		Schmalz	9/91	
	151	5,049,440		Bornhoeft, III et al.	9/91	
	152	5,053,482	A	Tietz	10/91	
	153	5,057,361	A	Sayovitz et al.	10/91	
	154	5,084,136	A	Haines et al.	1/92	
	155	5,096,640	A	Brody et al.	3/92	
	156	5,097,004	A	Gallagher et al.	3/92	
	157	5,097,005	A	Tietz	3/92	
	158	5,102,601	A	Farris et al.	4/92	
	159	5,104,367	A	Hill	4/92	
	160	5,104,923	A	Steinwand et al.	4/92	
	161	5,120,598	A	Robeson et al.	6/92	
	162	5,145,727	A	Potts et al.	9/92	
	163	5,149,335	A	Kellenberger et al..	9/92	
	164	5,149,576	A	Potts et al.	9/92	
	165	5,171,308	A	Gallagher et al.	12/92	
	166	5,171,309	A	Gallagher et al.	12/92	
	167	5,171,402	A	Haines et al.	12/92	
	168	5,173,526	A	Vijayendran et al.	12/92	
	169	5,178,646	A	Barber, Jr., et al.	1/93	
	170	5,178,812	A	Sanford et al.	1/93	
	171	5,181,966	A	Honeycutt et al.	1/93	
	172	5,181,967	A	Honeycutt	1/93	
	173	5,182,162	A	Andrusko	1/93	
	174	5,196,470	A	Anderson et al.	3/93	
	175	5,205,968	A	Damrow et al.	4/93	
	176	5,206,064	A	Scholz	4/93	
	177	5,207,662	A	James	5/93	
	178	5,207,837	A	Honeycutt	5/93	
	179	5,208,098	A	Stover	5/93	
	180	5,216,050	A	Sinclair	6/93	
	181	5,217,495	A	Kaplan et al.	6/93	
	182	5,217,798	A	Brady et al.	6/93	
	183	5,219,646	A	Gallagher et al.	6/93	

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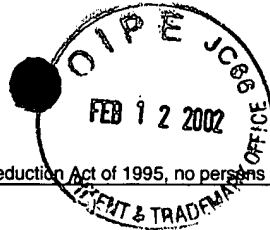
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	184	5,227,101	A	Mahoney et al.	7/93	
	185	5,246,647	A	Beck et al.	9/93	
	186	5,248,461	A	Pluyter et al.	9/93	
	187	5,256,417	A	Koltisko	10/93	
	188	5,257,982	A	Cohen et al.	11/93	
	189	5,264,269	A	Kakiuchi et al.	11/93	
	190	5,264,491	A	Quirk	11/93	
	191	5,270,358	A	Asmus	12/93	
	192	5,275,699	A	Allan et al.	1/94	
	193	5,281,306	A	Kakiuchi et al.	1/94	
	194	5,286,538	A	Pearlstein et al.	2/94	
	195	5,295,985	A	Romesser et al.	3/94	
	196	5,300,192	A	Hansen et al.	4/94	
	197	5,304,420	A	Hirakawa et al.	4/94	
	198	5,312,883	A	Komatsu et al.	5/94	
	199	5,317,063	A	Komatsu et al.	5/94	
	200	5,330,827	A	Hansen	7/94	
	201	5,330,832	A	Liu	7/94	
	202	5,334,176	A	Buenger et al.	8/94	
	203	5,346,541	A	Goldman et al.	9/94	
	204	5,356,963	A	Kauffmann et al.	10/94	
	205	5,360,826	A	Egolf et al.	11/94	
	206	5,366,804	A	Dugan	11/94	
	207	5,369,155	A	Asmus	11/94	
	208	5,384,189	A	Kuroda et al.	1/95	
	209	5,393,602	A	Urry	2/95	
	210	5,399,412	A	Sudall et al.	3/95	
	211	5,405,342	A	Roessler et al.	4/95	
	212	5,407,442	A	Karapasha	4/95	
	213	5,409,747	A	Pearlstein et al.	4/95	
	214	5,415,643	A	Kolb	5/95	
	215	5,415,813	A	Misselyn et al.	5/95	
	216	5,429,686	A	Chiu et al.	7/95	
	217	5,427,899	A	Avison et al.	6/95	
	218	5,437,908	A	Demura et al.	8/95	
	219	5,442,016	A	Jarrett	8/95	
	220	5,458,591	A	Roessler et al.	10/95	
	221	5,466,410	A	Hills	11/95	

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Application Number	09/815,251
Filing Date	3/22/01
First Named Inventor	Chang et al.
Group Art Unit	1771
Examiner Name	
Attorney Docket Number	11302-1040 (44040-251242)

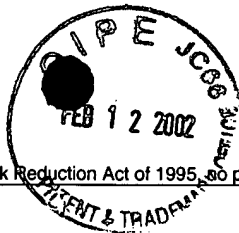
Sheet 7 of 13

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	222	5,466,518	A	Issac et al.	11/95	
	223	5,470,640	A	Modrak	11/95	
	224	5,470,941	A	Kim et al.	11/95	
	225	5,473,789	A	Oster	12/95	
	226	5,476,457	A	Roessler et al.	12/95	
	227	5,476,909	A	Kim	12/95	
	228	5,486,307	A	Misselyn et al.	1/96	
	229	5,500,068	A	Srinivasan et al.	3/96	
	230	5,500,281	A	Srinivasan et al.	3/96	
	231	5,509,913	A	Yeo et al.	4/96	
	232	5,514,380	A	Song	5/96	
	233	5,519,085	A	Ma	5/96	
	234	5,522,841	A	Roby	6/96	
	235	5,530,074	A	Jarrett	6/96	
	236	5,532,300	A	Koubek et al.	7/96	
	237	5,532,306	A	Kauffman et al.	7/96	
	238	5,534,178	A	Bailly et al.	7/96	
	239	5,542,566	A	Glaug et al.	8/96	
	240	5,545,472	A	Koubek et al.	8/96	
	241	5,569,230	A	Fisher et al.	10/96	
	242	5,573,637	A	Ampulski et al.	11/96	
	243	5,576,364	A	Isaac et al.	11/96	
	244	5,578,344	A	Ahr et al.	11/96	
	245	5,589,545	A	Ramachandran	12/96	
	246	5,604,195	A	Misselyn et al.	2/97	
	247	5,607,551	A	Farrington, Jr. et al.	5/97	
	248	5,612,404	A	Das et al.	3/97	
	249	5,613,959	A	Roessler et al.	3/97	
	250	5,616,201	A	Finch et al.	4/93	
	251	5,618,911	A	Kirmua	4/97	
	252	5,620,788	A	Garavaglia et al.	4/97	
	253	5,629,081	A	Richards et al.	5/97	
	254	5,631,317	A	Komatsu et al.	5/97	
	255	5,647,862	A	Osborn III et al.	7/97	
	256	5,647,863	A	Hammons et al.	7/97	
	257	5,649,336	A	Finch et al.	7/97	
	258	5,670,110	A	Dirk et al.	9/97	

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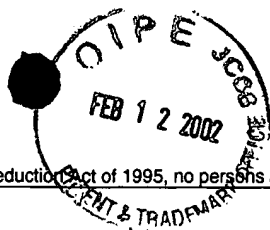
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U.S. PATENT DOCUMENTS

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		Number	Kind Code ² (if known)			
	259	5,672,248	A	Wendt et al.	9/97	
	260	5,684,075	A	Patel et al.	11/97	
	261	5,693,698	A	Patel et al.	12/97	
	262	5,695,551	A	Buckingham et al.	12/97	
	263	5,698,322	A	Tsai et al.	12/97	
	264	5,714,157	A	Sandell et al.	2/98	
	265	5,725,789	A	Huber et al.	3/98	
	266	5,725,821	A	Gannon et al.	3/98	
	267	5,753,246	A	Peters	5/98	
	268	5,756,112	A	Mackey	5/98	
	269	5,763,044	A	Ahr et al.	6/98	
	270	5,763,332	A	Gordon et al.	6/98	
	271	5,765,717	A	Gottselig	6/98	
	272	5,766,758	A	Hirakawa et al.	6/98	
	273	5,770,528	A	Mumick et al.	6/98	
	274	5,786,065	A	Annis et al.	7/98	
	275	5,795,921	A	Dyer et al.	8/98	
	276	5,800,417	A	Goerg-Wood et al.	9/98	
	277	5,837,627	A	Halabisky et al.	11/98	
	278	5,846,230	A	Osborn III et al.	8/98	
	279	5,849,805	A	Dyer	12/98	
	280	5,866,675	A	Ahmed et al.	2/99	
	281	5,869,596	A	Ahmed et al.	2/99	
	282	5,871,763	A	Luu et al.	2/99	
	283	5,891,126	A	Osborn, III et al.	4/99	
	284	5,899,893	A	Dyer et al.	5/99	
	285	5,905,046	A	Takeda et al.	5/99	
	286	5,916,678	A	Jackson et al.	6/99	
	287	5,935,384	A	Taniguchi	8/99	
	288	5,935,880	A	Wang et al.	8/99	
	289	5,948,710	A	Pomplun et al.	9/99	
	290	5,952,077	A	Booth et al.	9/99	
	291	5,952,251	A	Jackson et al.	9/99	
	292	5,958,187	A	Bhat et al.	9/99	
	293	5,958,555	A	Takeuchi et al.	9/99	
	294	5,959,016	A	Schmidt et al.	9/99	
	295	5,969,052	A	Mumick et al.	10/99	

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First Named Inventor	Chang et al.
Group Art Unit	1771
Examiner Name	
Attorney Docket Number	11302-1040 (44040-251242)

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		Number	Kind Code ² (if known)			
	296	5,971,138	A	Soughan	10/99	
	297	5,972,805	A	Pomplun et al.	10/99	
	298	5,980,673	A	Takeuchi et al.	11/99	
	299	5,986,004	A	Pomplun et al.	11/99	
	300	5,997,952	A	Harris et al.	12/99	
	301	6,005,045	A	Klanica	12/99	
	302	6,010,972	A	Zacharias et al.	1/00	
	303	6,017,832	A	Yahiaoui et al.	1/00	
	304	6,025,404	A	Harris et al.	2/00	
	305	6,028,016	A	Yahiaoui et al.	2/00	
	306	6,031,045	A	Wei et al.	2/00	
	307	6,037,407	A	Derian et al.	3/00	
	308	6,042,769	A	Gannon et al.	3/00	
	309	6,043,317	A	Mumick et al.	3/00	
	310	6,051,749	A	Schulz	4/00	
	311	6,053,235	A	Brozinsky	5/00	
	312	6,059,882	A	Steinhardt et al.	5/00	
	313	6,059,928	A	Van Luu et al.	5/00	
	314	6,083,854	A	Bogdanski et al.	7/00	
	315	6,098,836	A	Gottselig	8/00	
	316	6,103,858	A	Yamamoto et al.	8/00	
	317	6,121,170	A	Tsai et al.	9/00	
	318	6,123,811	A	Komarnycky et al.	9/00	
	319	6,127,593	A	Bjorkquist et al.	10/00	
	320	6,132,557	A	Takeuchi et al.	10/00	
	321	6,187,141	B1	Takeuchi et al.	2/01	
	322	6,190,502	B1	Takeuchi et al.	2/01	
	323	6,194,517	B1	Pomplun et al.	2/01	

FOREIGN PATENT DOCUMENTS

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	324	EP	1 050 297	A2	Fort James Corporation	8/00		
	325	EP	0 619 074	A1	Kimberly-Clark Corporation	10/94		
	326	EP	0 905 313	A2	Uni-Charm Corporation	3/99		
	327	JP	06220793	A	Dai Ichi Kogyo Seiyaku Co.	8/94		
	328	WO	00/39378	A2	Kimberly-Clark Corporation	7/00		
	329	WO	00/38751	A1	Kimberly-Clark Corporation	7/00		

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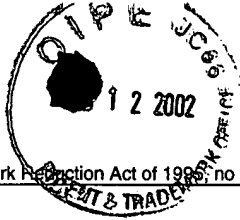
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		Number	Kind Code ² (if known)			
	330	WO	99/25318	A1	The Procter & Gamble Co.	5/99
	331	WO	99/07273	A1	The Procter & Gamble Co.	2/99
	332	WO	99/01106	A1	Firmenich S.A.	1/99
	333	WO	01/13880	A1	Unilever PLC et al.	3/01
	334	WO	00/00026	A1	The Procter & Gamble Co.	1/00
	335	BE	748453		Badische Anilin & Soda Fabric.	4/70
	336	CA	2057692		Isolyser. Co. -	10/92
	337	CA	631395		Merriam, C.N.	11/61
	338	DE	1719395		Badische Anilin & Soda Fabric	12/70
	339	EP	0 103 902	A1	Tory Uno	3/84
	340	EP	0 225 800	B1	Minn Mining & Manuf.	5/97
	341	EP	0 241 127	B1	Rohm & Haas Co.	10/93
	342	EP	0 303 528	B1	Fiberweb North America, Inc	2/89
	343	EP	0 358 313	B1	Rohm and Haas Co.	8/93
	344	EP	0 372 388	B1	Ikoma Seiko Higashi et al.	2/94
	345	EP	0 411 752	B1	The Dexter Corporation	7/95
	346	EP	0 421 163	B1	Kao Corporation	11/94
	347	EP	0 443 627	B1	Kimberly-Clark Worldwide	6/97
	348	EP	0 445 655	B1	E.I. DuPont De Nemours Co.	6/95
	349	EP	0 507 878	B1	Minn. Min. & Manuf. Co.	4/95
	350	EP	0 510 572	B1	Air Products & Chemicals	6/97
	351	EP	0 525,671	A1	Kabushiki Kaish Toyota Chuo Kenkyusho	2/93
	352	EP	0 531 112	B1	Crecia Corporation	3/98
	353	EP	0 549 988	B1	Kimberly-Clark Worldwide	6/98
	354	EP	0 552 762	B1	Minn. Min. & Manf. Co.	8/95
	355	EP	0 572 569	B1	H.B. Fuller Licens. & Finan.	12/94
	356	EP	0 580 764	B1	Minn. Mining and Manf. Co.	1/97
	357	EP	0 580 811	B1	Bioelastics Research Ltd.	8/99
	358	EP	0 582 123	B1	Air Prod. and Chemicals, Inc	2/94
	359	EP	0 597 978	B1	Pearlstein	3/96
	360	EP	0 598 204	B1	Kimberly-Clark Corporation	12/97
	361	EP	0 601 518	A1	Air Products & Chem. Inc.	6/94
	362	EP	0 608 460	B1	Lion Corporation	8/94
	363	EP	0 613 675	A1	Johnson&Johnson Cons.Prod	9/94
	364	EP	0 620 256	A2	Nippon Paint Co. Ltd.	10/94
	365	EP	0 634 466	A2	Nat'l Starch & Chem. Inv. Holding Corp.	9/94

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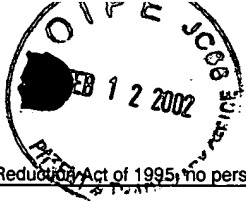
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	366	EP	0 637 950	B1	The Procter & Gamble Co.	7/98		
	367	EP	0 639 381	A1	Kimberly-Clark Corporation	2/95		
	368	EP	0 648 871	A1	Kuraray Co.	4/95		
	369	EP	0 671 496	B1	BBA Nonwovens	4/99		
	370	EP	0 672 787	A2	James River Corp. of VA	9/95		
	371	EP	0 689 817	A2	Kimberly-Clark Corporation	1/96		
	372	EP	0 693 915	B1	The Procter & Gamble Co.	9/99		
	373	EP	0 699 727	B1	Nat'l Starch & Chem. Invt.	9/99		
	374	EP	0 706 361	B1	The Procter & Gamble Co.	3/99		
	375	EP	0 726 068	A2	E.R. Squibb & Sons	8/96		
	376	EP	0 765 649	A2	Kimberly-Clark Corporation	4/97		
	377	EP	0 766 755	B1	Acordis Fibres (Holdings)	12/99		
	378	EP	0 766 756	B1	Courtaulds Fibres (Holdings) L	9/98		
	379	EP	0 768 425	A2	James River Corp. of VA	4/97		
	380	EP	0 779 387	A2	National Starch & Chem. Inv	6/97		
	381	EP	0 781 538	A2	H.B. Fuller Licen. & Financ.	7/97		
	382	EP	0 761 795	A2	National Starch & Co.	3/97		
	383	EP	0 792 144	B1	The Procter & Gamble Co.	12/98		
	384	EP	0 793 743	B1	Kimberly-Clark Worldwide	3/00		
	385	EP	0 801 157	A2	Kuraray Co. Ltd.	10/97		
	386	EP	0 802 282	A4	Uni-Charm Corporation	10/97		
	387	EP	0 807 704	A1	Basf AG	11/97		
	388	EP	0 864 418	A2	Uni-Charm Corporation	9/98		
	389	EP	0 873 100	B1	The Procter & Gamble Co.	10/98		
	390	EP	0 875 233	A1	Fort James Corporation	11/98		
	391	EP	0 904 933	A2	Uni-Charm Corporation	3/99		
	392	EP	0 945 536	A2	Uni-Charm Corporation	9/99		
	393	EP	1 024 225	A1	Uni-Charm Corporation	8/00		
	394	EP	1 046 747	A1	Uni-Charm Corporation	10/00		
	395	FR	2672788		Peel Joo Lee	8/92		
	396	JP	4943114		Nippon Synth. Chem.	11/74		
	397	JP	5125123	A1	Lion Corp.	5/93		
	398	JP	6172453	A1	Lion Corp	6/94		
	399	JP	8239428	A1	Lion K.K.	9/96		
	400	RU	705013		Kiev Light Ind. Tech.	12/79		
	401	WO	90/03156	A1	Lyson Limited	4/90		
	402	WO	93/07199	A1	E.I. Dupont de Nemones	4/93		

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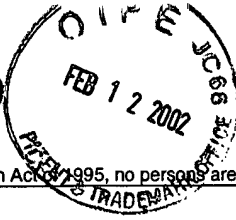
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	403	WO	94/25189	A1	Honeycutt, Travis	11/94		
	404	WO	95/18191	A1	Eastman Chem. Corp.	7/95		
	405	WO	96/12615	A1	Scott Paper Co.	5/96		
	406	WO	96/30576	A1	Kimberly-Clark Tissue Co.	10/96		
	407	WO	97/02375	A1	Kimberly-Clark Worldwide	1/97		
	408	WO	97/02376	A1	Kimberly-Clark Worldwide	1/97		
	409	WO	97/16597	A1	Uni-Charm Corporation	5/97		
	410	WO	97/18784	A1	The Procter & Gamble Co.	5/97		
	411	WO	97/47227	A1	Kimberly-Clark Worldwide	12/97		
	412	WO	98/29501	A1	Kimberly-Clark Worldwide	7/98		
	413	WO	98/36117	A1	Kimberly-Clark Worldwide	8/98		
	414	WO	98/41577	A1	Kimberly-Clark Worldwide	9/98		
	415	WO	98/44181	A1	Kimberly-Clark Worldwide	10/98		
	416	WO	98/48684	A1	Kimberly-Clark Worldwide	11/98		
	417	WO	99/06523	A1	The Procter & Gamble Co.	2/99		
	418	WO	98/53006	A1	Kimberly-Clark Worldwide	11/98		
	419	WO	98/26808	A1	Procter & Gamble Co.	6/98		
	420	WO	97/10100	A1	Procter & Gamble Co.	3/97		
	421	JP	62-07162	B1	S T Chem Co Ltd	7/94		
	422	JP	61-92527	B1	Nichiyu Giken Kogyo KK	7/94		
	423	JP	51-3248	A	Ashai Dow Ltd.			
	424	JP	81-35703	A	Ashai Dow Ltd			
	425	JP	62-33809	B1	Shizu Kubota	8/94		

OTHER INFORMATION - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	426	Patent Abstract Japan, JP 06-207324 (Unitka Ltd.), 7/26/94.	
	427	Robeson, L.M., et al., "Microfiber Formation: Immiscible Polymer Blends Involving Thermoplastic Poly(vinyl Alcohol) as an Extractable Matrix", <i>J. Applied Polymer Science</i> , Vol. 52, pp. 1837-1846 (1994).	
	428	D 5034-11, "Standard Test Method for Breaking Force and Elongation of Textile Fabrics (Grab Test)," 1994 Ann. Book of ASTM Standards, Vol. 7.02, pp. 708-709 (1994).	
	429	Abstract Derwent WPI, JP 5-179548 (Lion Corp), 7/20/93).	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Filing Date	3/22/01		
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		Examiner Name			
Sheet	13	of	13	Attorney Docket Number	11302-1040 (44040-251242)

OTHER INFORMATION - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	430	Abstract Derwent WPI and JAPIO, JP 03-239709 (Lion Corp) 10/25/91	
	431	Carlsson et al., "Thermal Gelation of Nonionic Cellulose Ethers and Ionic Surfactants in Water", <i>Colloids and Surfaces</i> , Vol. 47, pp. 147-165 (1990).	
/	432	Abstract Derwent WPI, J: 1-306661 (Lion Corp) 12/11/89	
	433	Chowdhury et al., "Direct Observation of the Gelatin of Rodlike Polymers", <i>Poly. Mat. Sci. and Eng.</i> , Vol. 59, pp. 1045-1052 (9/88).	
	434	Abstract Derwent WPI and JAPIO, JP 63/139906 (Lion Corp.) 6/11/88	
	435	Nagura et al., "Temperature-Viscosity Relationships of Aqueous Solutions of Cellulose Ethers", <i>Kobunshi Ronbunshu</i> , Vol. 38 (3), pp. 133-137 (8/80).	
	436	Stafford et al., "Temperature Dependence of the Disintegration times of compressed tablets containing hydroxypropylcellulose as binder", <i>J. Pharm. Pharmac.</i> , Vol. 30, pp. 1-5 (8/77).	
	437	Govindan, T.S., "Process for Making Smooth Vapro-Permeable Microporous Sheet Material", <i>Defensive Publication</i> , Vol. T901 (007), (8/72).	
-	438	Kohlhammer, <i>Nonwovens Report International</i> , Vol. 342, pp. 20-22, 28-31 (9/99).	
	439	<i>Soap & Cosmetics</i> , Vol. 76(3), p. 12 (3/2000).	

Examiner Signature		Date Considered	
-------------------------------	--	----------------------------	--

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.
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